

678131

SERIAL NUMBER (Series of 562)	07 678131	PATENT DATE	PATENT NUMBER		
SERIAL NUMBER	07/678,131	FILING DATE	04/01/91	CLASS	248
		SUBCLASS	08.1	GROUP/UNIT	355
		EXAMINER Chen-Steve			

ROY HENNEBERGER, EAGAN, MN.

ABANDONED

CONTINUING DATA***
 VERIFIED THIS APPLN IS A CIP OF 07/387,978 07/31/89
 Chin-Steve

FOREIGN/PCT APPLICATIONS***
 VERIFIED

BEST AVAILABLE COPY

foreign priority claimed	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	AS FILED	STATE OR COUNTRY	SHEETS DRWGS.	TOTAL CLAIMS	INDEP. CLAIMS	FILING FEE RECEIVED	ATTORNEY'S DOCKET NO.
5 USC 119 conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no							
certified and Acknowledged	Example: Initials	→	MN	9	8	1	\$ 630.00	M&G.2316.304

MERCHANT, GOULD, SMITH, EDELL,
 WELTER & SCHMIDT
 3100 NORWEST CENTER
 MINNEAPOLIS, MN 55402-4131

OPTIC CABLE MANAGEMENT

U.S. DEPT. of COMM., Pat. & TM Office — PTO-436L (Rev. 10-78)

PARTS OF APPLICATION FILED SEPARATELY					
NOTICE OF ALLOWANCE/MAILED		PREPARED FOR ISSUE		CLAIMS ALLOWED	
		Assistant Examiner	Docket Clerk	Total Claims	Print Claim
ISSUE/FEE				DRAWING	
Amount Due	Dots Paid			Sheets/Drwg.	Figs. Drwg.
		Primary Examiner			Print Fig.
Label Area		ISSUE CLASSIFICATION		ISSUE BATCH NUMBER	
		Class	Subclass		
<p>WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.</p>					